Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072320\
Data File : VV017612.D
Acq On : 23 Jul 2020 19:03
Operator : SY/MD
Sample : MDL07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL07

Manual Integrations APPROVED
sam
7/24/2020 7:07:05 PM

Quant Time: Jul 24 11:10:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 24 02:22:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	180005	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	177535	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81765	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	43390	5.05	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.00%			
7) Chloroethane-d5	1.58	69	34219	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.00%			
11) 1,1-Dichloroethene-d2	2.12	63	73178	3.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.00%			
20) 2-Butanone-d5	3.94	46	99848	48.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.12%			
24) Chloroform-d	4.37	84	104099	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.06	65	54258	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
32) Benzene-d6	5.07	84	188754	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.09	67	52189	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.34	98	174907	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
45) trans-1,3-Dichloropropene-	7.65	79	22031	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
48) 2-Hexanone-d5	8.11	63	67522	44.19	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.38%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35765	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	69869	5.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	6203	0.314	ug/L	94
3) Chloromethane	1.25	50	4656	0.363	ug/L	98
5) Vinyl chloride	1.32	62	4923	0.383	ug/L #	77
6) Bromomethane	1.53	94	2913	0.352	ug/L	92
8) Chloroethane	1.60	64	2388m	0.322	ug/L	
9) Trichlorofluoromethane	1.76	101	7996	0.348	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4286	0.399	ug/L	94
12) 1,1-Dichloroethene	2.14	96	4006	0.413	ug/L #	1
13) Acetone	2.23	43	5563m	3.456	ug/L	
14) Carbon disulfide	2.31	76	9744	0.331	ug/L #	87
15) Methyl Acetate	2.46	43	867m	0.277	ug/L	
16) Methylene chloride	2.53	84	5287	0.490	ug/L	93
17) Methyl tert-butyl Ether	2.79	73	8197	0.330	ug/L #	85
18) trans-1,2-Dichloroethene	2.78	96	4092	0.387	ug/L	83
19) 1,1-Dichloroethane	3.21	63	7777	0.350	ug/L	91
21) 2-Butanone	4.05	43	6381m	2.348	ug/L	
22) cis-1,2-Dichloroethene	3.94	96	4730	0.356	ug/L #	83

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Quant Time: Jul 24 11:10:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 24 02:22:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	1922	0.314 ug/L #	75
25) Chloroform	4.41	83	9496	0.381 ug/L	95
27) 1,2-Dichloroethane	5.16	62	6086	0.377 ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	7920	0.319 ug/L	96
30) Cyclohexane	4.70	56	6303	0.320 ug/L	94
31) Carbon tetrachloride	4.85	117	6948	0.314 ug/L	96
33) Benzene	5.13	78	16261	0.324 ug/L	100
34) Trichloroethene	5.94	95	4850	0.346 ug/L	95
35) Methylcyclohexane	6.15	83	6098	0.287 ug/L	88
37) 1,2-Dichloropropane	6.20	63	3526	0.299 ug/L	99
38) Bromodichloromethane	6.54	83	5513	0.317 ug/L	95
39) cis-1,3-Dichloropropene	7.06	75	5330	0.299 ug/L	89
40) 4-Methyl-2-pentanone	7.26	43	17969	2.775 ug/L #	85
42) Toluene	7.41	91	16905	0.308 ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	13055	0.255 ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	13267	0.254 ug/L	98
46) trans-1,3-Dichloropropene	7.68	75	4719m	0.295 ug/L	
47) 1,1,2-Trichloroethane	7.86	97	2834	0.316 ug/L	93
49) Tetrachloroethene	8.00	164	4084	0.330 ug/L	92
50) 2-Hexanone	8.17	43	19121	4.173 ug/L	99
51) Dibromochloromethane	8.27	129	3750	0.329 ug/L	97
52) 1,2-Dibromoethane	8.38	107	2738	0.324 ug/L #	83
53) Chlorobenzene	8.91	112	11690	0.320 ug/L	96
54) Ethylbenzene	9.04	91	17673	0.288 ug/L	94
55) m,p-xylene	9.16	106	6994	0.303 ug/L	91
56) o-xylene	9.57	106	6422	0.286 ug/L	100
57) Styrene	9.59	104	9719	0.260 ug/L	93
58) Isopropylbenzene	9.95	105	16311	0.264 ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.26	83	2856	0.293 ug/L #	90
62) Bromoform	9.75	173	1674	0.320 ug/L #	94
63) 1,3-Dichlorobenzene	11.21	146	9291	0.353 ug/L	91
64) 1,4-Dichlorobenzene	11.30	146	9636	0.365 ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	8728	0.364 ug/L	95
67) 1,2-Dibromo-3-chloropropan	12.45	75	493	0.329 ug/L #	79
68) 1,3,5-Trichlorobenzene	12.67	180	7405	0.346 ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	5872	0.328 ug/L	92
70) Naphthalene	13.53	128	7453	0.299 ug/L	96
71) 1,2,3-Trichlorobenzene	13.77	180	4962	0.313 ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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